JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 319 (1987)

AUTHOR INDEX

Ahsen, V., (319) 197
Al-Jabar, N.A.A., (319) 59
Andrejewski, D., (319) 183
Appel, M., (319) C1
Appel, R., (319) 345
Ara, K.-I., (319) C11
Atwood, J.D., (319) 411

Bacqué, E., (319) C41
Basu, A., (319) 407, C28
Beck, W., (319) C1
Beek, J.A.M. van, (319) 285
Bekaroğlu, Ö., (319) 99, 197
Belaud, C., (319) 303
Bhaduri, S., (319) 407, C28
Birot, M., (319) C41
Bochkova, R.I., (319) 41
Boveleth, W., (319) 311
Bowen, D., (319) 59
Brint, R.P., (319) 219
Bruce, M.I., (319) 239
Bulychev, B.M., (319) 69

Cabrera, E., (319) 239
Castiglioni, M., (319) 167
Chowdhury, R.L., (319) 379
Churchill, M.R., (319) 411
Collins, M.P., (319) 219
Cotton, F.A., (319) 87
Cunningham, D., (319) C45

Dagnac, P., (319) 247
Damour, D., (319) 333
Daran, J.-C., (319) 239
Davis, H.B., (319) C25
Deacon, G.B., (319) 59
Deeney, F.T., (319) 219
Döppert, K., (319) 351
Dunoguès, J., (319) C41

Einstein, F.W.B., (319) C25
El Alami, N., (319) 303
England, K., (319) 355
Erker, G., (319) 201
Ertas, M., (319) 99, 197
Evans, D.G., (319) 265

Falvello, L.R., (319) 87
Fettinger, J.C., (319) 411

Galow, P., (319) 139
Giannoccaro, P., (319) 119
Giordano, R., (319) 167
Goldsworthy, D.H., (319) 257
Goth, D., (319) 149
Goubitz, K., (319) 285
Grdenic, D., (319) 1
Grigor'eva, I.K., (319) 41

Hartl, H., (319) 77
Herberich, G.E., (319) 9, 311
Herdtweck, E., (319) 183
Herrmann, W.A., (319) 183, C21
Hessner, B., (319) 9, 311
Hor, T.S.A., (319) 213
Hostalek, M., (319) 311
Howell, J.A.S., (319) C45
Humphries, R.E., (319) 59

Iiskola, E., (319) 327
Itoh, K., (319) C11

Johnson, B.F.G., (319) C51
Johnston, V.J., (319) C25
Jutzi, P., (319) 139

Kane-Maguire, L.A.P., (319) C5
Kerschl, S., (319) 49
Khattar, R., (319) C51
Khwaja, H., (319) C28
Kite, K., (319) 257
Klaver, W.J., (319) 285
Kneuper, H.-J., (319) C21
Knoch, F., (319) 345
Köffer, D.P.J., (319) 311
Komiya, S., (319) C31
Koray, A.R., (319) 99, 197
Koten, G. van, (319) 285
Kreindlin, A.Z., (319) 229
Kruger, G.J., (319) 361

Lahoz, F.J., (319) C51
Lee, C.C., (319) 379
Lewis, J., (319) C51
Lindner, E., (319) 149
Lobkovskii, E.B., (319) 69
Longoni, G., (319) 219

Martinez-Ripoll, M., (319) 103
Massey, A.G., (319) 59
Matkovic-Calogovic, D., (319) 1
McArdle, P., (319) C45
Miginiac, L., (319) 333
Modder, J.F., (319) 285
Moerlein, S.M., (319) 29
Mühlenbernd, T., (319) 201

Nagashima, H., (319) C11
Negele, M., (319) 311

Oehme, H., (319) C16
Oliver, J.P., (319) 161
Ozaki, S., (319) C31

Pakkanen, T.A., (319) 327
Pakkanen, T.T., (319) 327
Palotai, I.M., (319) C5
Pannacciulli, E., (319) 119
Pergola, R.D., (319) 219
Periasamy, M., (319) 113
Petrovskii, P.V., (319) 229
Pillot, J.-P., (319) C41
Piórko, A., (319) 379
Poilblanc, R., (319) 247
Pomeroy, R.K., (319) C25
Pornet, J., (319) 333
Puddephatt, R., (319) 129

Rahman, A.F.M.M., (319) 161
Raithby, P.R., (319) C51
Raubenheimer, H.G., (319) 361
Razuvaev, G.A., (319) 41
Rees, W.M., (319) 411
Reeves, P.C., (319) 355
Reid, A.H. Jr., (319) 87
Romero, A., (319) 103
Rybinskaya, M.I., (319) 229

Saive, R., (319) 9
Santos, A., (319) 103
Sappa, E., (319) 167
Satyanarayana, N., (319) 113
Schmidpeter, A., (319) 49
Schuhn, W., (319) 345
Schulze, W., (319) 77
Seppelt, K., (319) 77
Shade, J.E., (319) 391
Sharma, K.R., (319) 407
Shcherbakov, V.I., (319) 41
Shibue, A., (319) C31
Siddiqui, K.F., (319) 161
Sikirica, M., (319) 1
Sizov, A.I., (319) 69
Sokolova, I.V., (319) 69
Soloveichik, G.L., (319) 69
Sormunen, P., (319) 327
Spalding, T.R., (319) 219
Squibb, A.D., (319) C45
Stam, C.H., (319) 285
Stephenson, G.R., (319) C5
Struchkov, Yu.T., (319) 41, 229
Sutherland, R.G., (319) 379

Tocher, J.H., (319) 87
Treurnicht, I., (319) 129
Turpin, R., (319) 247

Vähäsarja, E., (319) 327
Van Beek, J.A.M., (319) 285
Van Koten, G., (319) 285
Van Vliet, M.R.P., (319) 285
Vegas, A., (319) 103
Viljoen, H.W., (319) 361
Villieras, J., (319) 303
Vliet, M.R.P. van, (319) 285

Walton, G., (319) C45
Weichselbaumer, G., (319) C21
Weiss, H., (319) C16
Willhalm, A., (319) 49
Williams, M.L., (319) 239
Wojcicki, A., (319) 391
Wrackmeyer, B., (319) 49

Yamaguchi, K., (319) C11
Yanovskii, A.I., (319) 229

Zakharov, L.N., (319) 41

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 319 (1987)

SUBJECT INDEX

Aluminium

1-Aza-4-oxo-3-substituted-1,3-butadienes (α-amino esters and amides), coordination to aluminium chloride, zinc chloride and dimethylzinc of; selective reduction in $ZnEt_2$/$R^1N{=}CHC(NEt_2){=}O$ system; crystal structure of $[EtZn(t\text{-}Bu)NCH_2C(NEt_2){=}O]_2$ (M.R.P. van Vliet, G. van Koten, J.F. Modder, J.A.M. van Beek, W.J. Klaver, K. Goubitz, C.H. Stam), (319)285

2,3-Dimethyl-1-ethyl-1,2,3-aluminadicarbadodecaborane, a versatile carbollyl transfer reagent (P. Jutzi, P. Galow), (319)139

Silyl ether complexation with triethylaluminium, ^{29}Si NMR study of (P. Sormunen, E. Iiskola, E. Vähäsarja, T.T. Pakkanen, T.A. Pakkanen), (319)327

Tribenzylaluminium diethyl etherate, X-ray structure of (A.F.M.M. Rahman, K.F. Siddiqui, J.P. Oliver), (319) 161

Titanium and aluminium bimetallic hydride complexes; octonuclear $\{[(\eta^5C_5Me_5)(\eta^5\text{-}C_5Me_4CH_2)Ti(\mu_2\text{-}H)_2Al]_2\text{-}\mu_3\text{-}O\}_2 \cdot 2C_6H_6$, crystal and molecular structure of (E.B. Lobkovskii, A.I. Sizov, B.M. Bulychev, I.V. Sokolova, G.L. Soloveichik), (319)69

Antimony

Phenylenemercurials, transmetallation reactions with group 15 and 16 elements of (R.E. Humphries, N.A.A. Al-Jabar, D. Bowen, A.G. Massey, G.B. Deacon), (319)59

Arsenic

Phenylenemercurials, transmetallation reactions with group 15 and 16 elements of (R.E. Humphries, N.A.A. Al-Jabar, D. Bowen, A.G. Massey, G.B. Deacon), (319)59

Bismuth

Phenylenemercurials, transmetallation reactions with group 15 and 16 elements of (R.E. Humphries, N.A.A. Al-Jabar, D. Bowen, A.G. Massey, G.B. Deacon), (319)59

Boron

(η^5-Borole)cobalt complexes, preparation and structure of (G.E. Herberich, B. Hessner, R. Saive), (319)9

(η^5-Borole)-ruthenium, -osmium and -rhodium complexes, preparation and structures of (G.E. Herberich, W. Boveleth, B. Hessner, M. Hostalek, D.P.J. Köffer, M. Negele), (319)311

$(C_5H_5)(OC)_2(R_3P)MoFBF_3$ (R = Me, Et), dynamic behaviour of the coordinated tetrafluoroborate ligand in (M. Appel, W. Beck), (319)C1

2,3-Dimethyl-1-ethyl-1,2,3-aluminadicarbadodecaborane, a versatile carbollyl transfer reagent (P. Jutzi, P. Galow), (319)139

1-Methyl-1,2,4-diazaphosphole, selective 5-metallation of (S. Kerschl, B. Wrackmeyer, A. Willhalm, A. Schmidpeter), (319)49

Phosphamanganacyclopropanes, formation by reduction of secondary phosphanemanganese complexes with $K[HB(s\text{-}C_4H_9)_3]$ of (E. Lindner, D. Goth), (319)149

Chromium

(η^5-Borole)cobalt complexes, preparation and structure of (G.E. Herberich, B. Hessner, R. Saive), (319)9

Carbonylmetals, reduction with a model for nicotinamide nucleotide of (A. Basu, S. Bhaduri, K.R. Sharma), (319)407

Cyclopentadienyldicarbonylnitrosylchromium, carbocation stabilisation of (K. England, P.C. Reeves), (319)355

Six- and seven-membered tetracarbonylcarbene and imidate thioether chelates, synthesis by CO or NR insertion into metal–carbene bonds and crystal structures of (H.G. Raubenheimer, G.J. Kruger, H.W. Villoen), (319)361

Cobalt

(η^5-Borole)cobalt complexes, preparation and structure of (G.E. Herberich, B. Hessner, R. Saive), (319)9

$CoCl_2/Ph_3P/NaBH_4$ system, isomerisation of olefins catalysed by (N. Satyanarayana, M. Periasamy), (319)113

Germanium

Aryltrimethyl-silicon, -germanium and -tin compounds, synthesis and spectroscopic characterisation of (S.M. Moerlein), (319)29

2,3-Dimethyl-1-ethyl-1,2,3-aluminadicarbadodecaborane, a versatile carbollyl transfer reagent (P. Jutzi, P. Galow), (319)139

Gold

cis-Alkenyl- or -aryl-dimethyl(triphenylphosphine)gold(III), unusual steric effect on dissociative reductive elimination from (S. Komiya, A. Shibue, S. Ozaki), (319)C31

[AuR(CNR′)], volatile organogold compounds, potential for chemical vapour deposition of gold (R.J. Puddephatt, I. Treurnicht), (319)129

Iridium

$MeIr(CO)(PPh_3)_2[C_2(CO_2Me)_2]$, formation by addition of $C_2(CO_2Me)_2$ to *trans*-$MeIn(CO)(PPh_3)_2$, isomerisation and crystal structure of thermodynamic isomer of (W.M. Rees, M.R. Churchill, J.C. Fettinger, J.D. Atwood), (319)411

Iron

Arenecyclopentadienyliron complexes, addition of cyanide ion to (R.G. Sutherland, R.L. Chowdhury, A. Piórko, C.C. Lee), (319)379

Biferrocenyl, high yield synthesis of (A.R. Koray, M. Ertas, Ö. Bekaroğlu), (319)99

(η^5-Borole)cobalt complexes, preparation and structure of (G.E. Herberich, B. Hessner, R. Saive), (319)9

Carbonylmetals, reduction with a model for nicotinamide nucleotide of (A. Basu, S. Bhaduri, K.R. Sharma), (319)407

(η^5-$C_5H_4CH(Ph)Me$)Fe(CO)(L)X chiral complexes, L = phosphine, phosphite; X = acyl, alkyl, halide, hydride, preparation, diastereomers and structural characterisation of (J.E. Shade, A. Wojcicki), (319)391

Dithioferrocenophane with a *vic*-dioxime moiety in the bridging chain, preparation of (M. Ertas, A.R. Koray, C. Ahsen, Ö. Bekaroğlu), (319)197

Iron-containing M_6 and M_5 clusters, Mössbauer study of (R.P. Brint, M.P. Collins, T.R. Spalding, F.T. Deeney, G. Longoni, R.D. Pergola), (319)219

$Mo_2[(\eta^5\text{-}C_5H_4CO_2)Fe(\eta^5\text{-}C_5H_5)]_2(O_2CCH_3)_2(C_5H_5N)_2$ and $[Mo_2[(\eta^5\text{-}C_5H_4CO_2)Fe(\eta^5\text{-}C_5H_5)]_4(ax\text{-}CH_3CN)(ax\text{-}DMSO)](DMSO)_2$, synthesis, X-ray crystallographic and electrochemical studies of (F.A. Cotton, L.R. Falvello, A.H. Reid, Jr., J.H. Tochter), (319)87

Phosphine-centred resolution of (η^4-diene)$Fe(CO)_3$ complexes, (η^4-tropone)$Fe(CO)_2L$ and (η^4-isoprene)$Fe(CO)_2L$ (L = (+)-(neomenthyl)PPh_2) formed by (J.A.S. Howell, A.D. Squibb, G. Walton, P. McArdle, D. Cunningham), (319)C45

Tricarbonyl(η^5-2-methyl-3-methoxycyclohexadienyl)iron(1 +)PF_6(1 −), application in organic enantiomer synthesis of (I.M. Palotai, G.R. Stephenson, L.A.P. Kane-Maguire), (319)C5

Lithium

2,4,6-Tri-t-butylphenyllithium, reaction with bromotrichlorosilane under generation of $LiSiCl_3$ of (H. Oehme, H. Weiss), (319)C16

Magnesium

Diene- and aryne-substituted metallocene complexes, cyclometallation reactions of (G. Erker, T. Mühlenbernd), (319)201

Manganese

(η^5-Borole)cobalt complexes, preparation and structure of (G.E. Herberich, B. Hessner, R. Saive), (319)9

Hexacarbonyl($\mu,\eta^5:\eta^5$-fulvalene)dimanganese, photochemistry of (W.A. Herrmann, D. Andrejewski, E. Herdtweck), (319)183

Phosphamanganacyclopropanes, formation by reduction of secondary phosphanemanganese complexes with $K[HB(s\text{-}C_4H_9)_3]$ of (E. Lindner, D. Goth), (319)149

Mercury

Phenylenemercurials, transmetallation reactions with group 15 and 16 elements of (R.E. Humphries, N.A.A. Al-Jabar, D. Bowen, A.G. Massey, G.B. Deacon), (319)59

Trimercurated acetaldehyde, crystal structure of $2[OHg_3CCHO]NO_3 \cdot HNO_3$ and $[HOHg_2(NO_3Hg)CCHO]NO_3$ (D. Grdenić, D. Matković-Čalogović, M. Sikirica), (319)1

Metallocenes

Biferrocenyl, high yield synthesis of (A.R. Koray, M. Ertas, Ö. Bekaroğlu), (319)99

(η^5-Borole)cobalt complexes, preparation and structure of (G.E. Herberich, B. Hessner, R. Saive), (319)9

Cyclopentadienyltitanium(IV) complexes, behaviour in aqueous media of; titanocene complexes as cancerostatica (K. Döppert), (319)351

Diene- and aryne-substituted metallocene complexes, cyclometallation reactions of (G. Erker, T. Mühlenbernd), (319)201

Dithioferrocenophane with a *vic*-dioxime moiety in the bridging chain, preparation of (M. Ertas, A.R. Koray, C. Ahsen, Ö. Bekaroğlu), (319)197

Nonamethylruthenocenylcarbenium hexafluorophosphate, synthesis and crystal structure of (A.Z. Kreindlin, P.V. Petrovskii, M.I. Rybinskaya, A.I. Yanovskii, Yu.T. Struchkov), (319)229

Phosphamanganacyclopropanes, formation by reduction of secondary phosphanemanganese complexes with $K[HB(s\text{-}C_4H_9)_3]$ of (E. Lindner, D. Goth), (319)149

Titanium and aluminium bimetallic hydride complexes; octonuclear $\{[(\eta^5\text{-}C_5M_5)(\eta^5\text{-}C_5Me_4\overline{CH_2})Ti(\mu_2\text{-}H)_2\overline{Al}]\text{-}\mu_3\text{-}O\}_2 \cdot 2C_6H_6$, crystal and molecular structure of (E.B. Lobkovskii, A.I. Sizov, B.M. Bulychev, I.V. Sokolova, G.L. Soloveichik), (319)69

Molybdenum

Carbonylmetals, reduction with a model for nicotinamide nucleotide of (A. Basu, S. Bhaduri, K.R. Sharma), (319)407

Carbonylmolybdenum complexes containing unidentate and bridging diphosphines, one-pot syntheses of (T.S.A. Hor), (319)213

$(C_5H_5)(OC)_2(R_3P)MoFBF_3$ (R = Me, Et), dynamic behaviour of the coordinated tetrafluoroborate ligand in (M. Appel, W. Beck), (319)C1

Fluoromethylidyne-bridged molybdenum cluster, preparation and structure of $[(C_5H_5)_3(CO)_6Mo_3(\mu_3\text{-}CF)]$ (W. Schulze, H. Hartl, K. Seppelt), (319)77

$Mo_2[(\eta^5\text{-}C_5H_4CO_2)Fe(\eta^5\text{-}C_5H_5)]_2(O_2CCH_3)_2(C_5H_5N)_2$ and $[Mo_2[(\eta^5\text{-}C_5H_4CO_2)Fe(\eta^5\text{-}C_5H_5)]_4(ax\text{-}CH_3CN)(ax\text{-}DMSO)](DMSO)_2$, synthesis, X-ray crystallographic and electrochemical studies of (F.A. Cotton, L.R. Falvello, A.H. Reid, Jr., J.H. Tochter), (319)87

Osmium and molybdenum trinuclear cluster, crystal structure of the co-crystallized molecules $MoOs_2(CO)_{11}[P(OMe)_3]$ and $[(MeO)_3P](OC)_4OsMo(CO)_5$ (H.B. Davis, F.W.B. Einstein, V.J. Johnston, R.K. Pomeroy), (319)C25

Nickel

$(\eta^5\text{-}C_5H_5)NiRu_3(\mu\text{-}H)_3(CO)_9$, homogeneous catalytic hydrogenation and isomerisation of linear and cyclic monoenes and dienes in the presence of (M. Castiglioni, R. Giordano, E. Sappa), (319)167

1,3-Diphosphaallylnickel complexes, preparation and structures of (R. Appel, W. Schuhn, F. Knoch), (319)345

Dithioferrocenophane with a *vic*-dioxime moiety in the bridging chain, preparation of (M. Ertas, A.R. Koray, C. Ahsen, Ö. Bekaroğlu), (319)197

Nickel-catalysed amidation of bromo- and iodo-benzene (P. Giannococcaro, E. Pannacciulli), (319)119

Osmium

(η^5-Borole)-ruthenium, -osmium and -rhodium complexes, preparation and structures of (G.E. Herberich, W. Boveleth, B. Hessner, M. Hostalek, D.P.J. Köffer, M. Negele), (319)311

Octacarbonyltriosmium clusters, stepwise synthesis from decacarbonyltriosmium clusters of; X-ray crystal structure of $[Os_3(CO)_8(Ph_2C_2)_2]$, a bis(alkyne) without an osma-

cyclopentadiene ring (B.F.G. Johnson, R. Khattar, F.J. Lahoz, J. Lewis, P.R. Raithby), (319)C51

Osmium and molybdenum trinuclear cluster, crystal structure of the co-crystallized molecules $MoOs_2(CO)_{11}[P(OMe)_3]_2$ and $[(MeO)_3P](OC)_4OsMo(CO)_5$ (H.B. Davis, F.W.B. Einstein, V.J. Johnston, R.K. Pomeroy), (319)C25

$Os_5(\mu_5\text{-}\eta^2, P\text{-}C_2PPh_2)(\mu\text{-}PPh_2)(CO)_{13}$, synthesis and X-ray structure of (J.-C. Daran, E. Cabrera, M.I. Bruce, M.L. Williams), (319)239

Palladium

Iron-containing M_6 and M_5 clusters, Mössbauer study of (R.P. Brint, M.P. Collins, T.R. Spalding, F.T. Deeney, G. Longoni, R.D. Pergola), (319)219

Phosphorus

cis-Alkenyl- or -aryl-dimethyl(triphenylphosphine)gold(III), unusual steric effect on dissociative reductive elimination from (S. Komiya, A. Shibue, S. Ozaki), (319)C31

(η^5-Borole)-ruthenium, -osmium and -rhodium complexes, preparation and structures of (G.E. Herberich, W. Boveleth, B. Hessner, M. Hostalek, D.P.J. Köffer, M. Negele), (319)311

Carbonylmolybdenum complexes containing unidentate and bridging diphosphines, one-pot syntheses of (T.S.A. Hor), (319)213

(η^5-$C_5H_4CH(Ph)Me$)Fe(CO)(L)X chiral complexes, L = phosphine, phosphite; X = acyl, alkyl, halide, hydride, preparation, diastereomers and structural characterisation of (J.E. Shade, A. Wojcicki), (319)391

$(C_5H_5)(OC)_2(R_3P)MoFBF_3$ (R = Me, Et), dynamic behaviour of the coordinated tetrafluoroborate ligand in (M. Appel, W. Beck), (319)C1

Diethyl(diphenylphosphinomethyl)aminerhodium(I) derivative, ligand for synthesis of homo- and hetero-dinuclear complexes (R. Turpin, P. Dagnac, R. Poilblanc), (319)247

1,3-Diphosphaallylnickel complexes, preparation and structures of (R. Appel, W. Schuhn, F. Knoch), (319)345

Hexacarbonyl($\mu, \eta^5 : \eta^5$-fulvalene)dimanganese, photochemistry of (W.A. Herrmann, D. Andrejewski, E. Herdtweck), (319)183

Hydridoruthenium cationic complexes containing *N*- and *P*-donor ligands; crystal structure of carbonylhydrido(1,4-dicyclohexyldiaza-1,3-butadiene)bis(methyldiphenylphosphine)-ruthenium(II) perchlorate (A. Romero, A. Vegas, A. Santos, M. Martinez-Ripoll), (319)103

$MeIr(CO)(PPh_3)_2[C_2(CO_2Me)_2]$, formation by addition of $C_2(CO_2Me)_2$ to *trans*-$MeIr(CO)(PPh_3)_2$, isomerisation and crystal structure of thermodynamic isomer of (W.M. Rees, M.R. Churchill, J.C. Fettinger, J.D. Atwood), (319)411

1-Methyl-1,2,4-diazaphosphole, selective 5-metallation of (S. Kerschl, B. Wrackmeyer, A. Willhalm, A. Schmidpeter), (319)49

Osmium and molybdenum trinuclear cluster, crystal structure of the co-crystallized molecules $MoOs_2(CO)_{11}[P(OMe)_3]$ and $[(MeO)_3P](OC)_4OsMo(CO)_5$ (H.B. Davis, F.W.B. Einstein, V.J. Johnston, R.K. Pomeroy), (319)C25

$Os_5(\mu_5\text{-}\eta^2, P\text{-}C_2PPh_2)(\mu\text{-}PPh_2)(CO)_{13}$, synthesis and X-ray structure of (J.-C. Daran, E. Cabrera, M.I. Bruce, M.L. Williams), (319)239

Phosphamanganacyclopropanes, formation by reduction of secondary phosphanemanganese complexes with $K[HB(s\text{-}C_4H_9)_3]$ of (E. Lindner, D. Goth), (319)149

Phosphine-centred resolution of (η^4-diene)Fe(CO)$_3$ complexes, (η^4-tropone)Fe(CO)$_2$L and (η^4-isoprene)Fe(CO)$_2$L (L = (+)-(neomenthyl)PPh_2) formed by (J.A.S. Howell, A.D. Squibb, G. Walton, P. McArdle, D. Cunningham), (319)C45

Platinum

Carbonylmetals, reduction with a model for nicotinamide nucleotide of (A. Basu, S. Bhaduri, K.R. Sharma), (319)407

Iron-containing M_6 and M_5 clusters, Mössbauer study of (R.P. Brint, M.P. Collins, T.R. Spalding, F.T. Deeney, G. Longoni, R.D. Pergola), (319)219

Platinum phosphine hydride clusters, MO analysis of bonding in (D.G. Evans), (319)265

Trimethylplatinum(IV) complexes with tridentate Schiff base ligands containing N, O, and S donor atoms, preparation and ^1H NMR spectra of (D.H. Goldsworthy, K. Kite), (319)257

Rhodium

(η^5-Borole)cobalt complexes, preparation and structure of (G.E. Herberich, B. Hessner, R. Saive), (319)9

(η^5-Borole)-ruthenium, -osmium and -rhodium complexes, preparation and structures of (G.E. Herberich, W. Boveleth, B. Hessner, M. Hostalek, D.P.J. Köffer, M. Negele), (319)311

Diethyl(diphenylphosphinomethyl)aminerhodium(I) derivative, ligand for synthesis of homo- and hetero-dinuclear complexes (R. Turpin, P. Dagnac, R. Poilblanc), (319)247

Iron-containing M_6 and M_5 clusters, Mössbauer study of (R.P. Brint, M.P. Collins, T.R. Spalding, F.T. Deeney, G. Longoni, R.D. Pergola), (319)219

Ruthenium

Allyldialkylruthenium(IV) complexes, preparation and reductive C–C bond formation followed by C–H bond activation of (H. Nagashima, K.-I. Ara, K. Yamaguchi, K. Itoh), (319)C11

(η^5-Borole)cobalt complexes, preparation and structure of (G.E. Herberich, B. Hessner, R. Saive), (319)9

(η^5-Borole)-ruthenium, -osmium and -rhodium complexes, preparation and structures of (G.E. Herberich, W. Boveleth, B. Hessner, M. Hostalek, D.P.J. Köffer, M. Negele), (319)311

Carbonylmetals, reduction with a model for nicotinamide nucleotide of (A. Basu, S. Bhaduri, K.R. Sharma), (319)407

(η^5-C_5H_5)$NiRu_3(\mu$-H)$_3$(CO)$_9$, homogeneous catalytic hydrogenation and isomerisation of linear and cyclic monoenes and dienes in the presence of (M. Castiglioni, R. Giordano, E. Sappa), (319)167

Hydridoruthenium cationic complexes containing *N*- and *P*-donor ligands; crystal structure of carbonylhydrido(1,4-dicyclohexyldiaza-1,3-butadiene)bis(methyldiphenylphosphine)-ruthenium(II) perchlorate (A. Romero, A. Vegas, A. Santos, M. Martinez-Ripoll), (319)103

Nonamethylruthenocenylcarbenium hexafluorophosphate, synthesis and crystal structure of (A.Z. Kreindlin, P.V. Petrovskii, M.I. Rybinskaya, A.I. Yanovskii, Yu.T. Struchkov), (319)229

Ruthenium clusters, carbonylation of nitrobenzene with (A. Basu, S. Bhaduri, H. Khwaja), (319)C28

Selenium

Phenylenemercurials, transmetallation reactions with group 15 and 16 elements of (R.E. Humphries, N.A.A. Al-Jabar, D. Bowen, A.G. Massey, G.B. Deacon), (319)59

Silicon

Aryltrimethyl-silicon, -germanium and -tin compounds, synthesis and spectroscopic characterisation of (S.M. Moerlein), (319)29

Polydimethylsilane, analysis of the gases formed on rearrangement to polycarbosilanes of (M. Birot, E. Bacqué, J.-P. Pillot, J. Dunoguès), (319)C41

Propargyltrimethylsilanes, protodesilylation leading to terminal allenes of (J. Pornet, D. Damour, L. Miginiac), (319)333

Silyl ether complexation with triethylaluminium, ^{29}Si NMR study of (P. Sormunen, E. Iiskola, E. Vähäsarja, T.T. Pakkanen, T.A. Pakkanen), (319)327

2,4,6-Tri-t-butylphenyllithium, reaction with bromotrichlorosilane under generation of $LiSiCl_3$ of (H. Oehme, H. Weiss), (319)C16

Sulphur

Dimethyltin sulphide, interaction with 1,2-dibromoethane; crystal structure of dimethyltin dibromide/1,4-dithiane complex (V.I. Shcherbakov, I.K. Grigor'eva, G.A. Razuvaev, L.N. Akharov, R.I. Bochkova, Yu.T. Struchkov), (319)41

Dithioferrocenophane with a *vic*-dioxime moiety in the bridging chain, preparation of (M. Ertas, A.R. Koray, C. Ahsen, Ö. Bekaroğlu), (319)197

Phenylenemercurials, transmetallation reactions with group 15 and 16 elements of (R.E. Humphries, N.A.A. Al-Jabar, D. Bowen, A.G. Massey, G.B. Deacon), (319)59

Six- and seven-membered tetracarbonyl carbene and imidate thioether chelates, synthesis by CO of NR insertion into metal–carbene bonds and crystal structures of (H.G. Raubenheimer, G.J. Kruger, H.W. Villoen), (319)361

Trimethylplatinum(IV) complexes with tridentate Schiff base ligands containing N, O, and S donor atoms, preparation and ^{1}H NMR spectra of (D.H. Goldsworthy, K. Kite), (319)257

Tellurium

Phenylenemercurials, transmetallation reactions with group 15 and 16 elements of (R.E.

Humphries, N.A.A. Al-Jabar, D. Bowen, A.G. Massey, G.B. Deacon), (319)59

Tin

Aryltrimethyl-silicon, -germanium and -tin compounds, synthesis and spectroscopic characterisation of (S.M. Moerlein), (319)29

2,3-Dimethyl-1-ethyl-1,2,3-aluminadicarbadodecaborane, a versatile carbollyl transfer reagent (P. Jutzi, P. Galow), (319)139

Dimethyltin sulphide, interaction with 1,2-dibromoethane; crystal structure of dimethyltin dibromide/ 1,4-dithiane complex (V.I. Shcherbakov, I.K. Grigor'eva, G.A. Razuvaev, L.N. Zakharov, R.I. Bochkova, Yu-T. Struchkov), (319)41

1-Methyl-1,2,4-diazaphosphole, selective 5-metallation of (S. Kerschl, B. Wrackmeyer, A. Willhalm, A. Schmidpeter), (319)49

Titanium

Cyclopentadienyltitanium(IV) complexes, behaviour in aqueous media of; titanocene complexes as cancerostatica (K. Döppert), (319)351

Titanium and aluminium bimetallic hydride complexes; octonuclear $\{[(\eta^5\text{-}C_5Me_5)(\eta^5\text{-}C_5Me_4\overline{CH_2})Ti(\mu_2\text{-}H)_2Al]_2\text{-}\mu_3\text{-}O\}_2 \cdot 2C_6H_6$, crystal and molecular structure of (E.B. Lobkovskii, A.I. Sizov, B.M. Bulychev, I.V. Sokolova, G.L. Soloveichik), (319)69

Vanadium

Organovanadium oxides $(\eta^5\text{-}C_5H_5)VOCl_2$, synthesis of derivatives of (W.A. Herrmann, G. Weichselbaumer, H.-J. Kneuper), (319)C21

Zinc

1-Aza-4-oxo-3-substituted-1,3-butadienes (α-amino esters and amides), coordination to aluminium chloride, zinc chloride and dimethylzinc of; selective reduction in $ZnEt_2$/ $R^1N{=}CHC(NEt_2){=}O$ system; crystal structure of $[Et\overline{Zn(t\text{-}Bu)NCH_2C(NEt_2){=}O}]_2$ (M.R.P. van Vliet, G. van Koten, J.F. Modder, J.A.M. van Beek, W.J. Klaver, K. Goubitz, C.H. Stam), (319)285

Ethyl α-(bromomethyl)acrylate, reformatsky reaction with acyl chlorides and nitriles of (N. El Alami, C. Belaud, J. Villieras), (319)303

Zirconium

Diene- and aryne-substituted metallocene complexes, cyclometallation reactions of (G. Erker, T. Mühlenbernd), (319)201

Book reviews

Clusters, structure and bonding 62 (K.R. Seddon), (319)C35

Gmelin handbook of inorganic chemistry, 8th edit., Pt - Platinum, suppl. vol. A1, Technology of Platinum-Group metals (K.R. Seddon), (319)C58

Gmelin handbook of inorganic chemistry, 8th edit., Sc, Y, La-Lu rare earth elements, Part D4, Coordination compounds (continuation) (K.R. Seddon), (319)C36

Handbook of coordination catalysis in organic chemistry; by P.A. Chaloner (D. Parker), (319)C37

Organometallic intramolecular-coordination compounds; by I. Omae (M.F. Lappert) (319)C60

Solvomercuration/ demercuration reactions in organic synthesis; by R.C. Larock (P.A. Chaloner), (319)C19

Stereochemistry of organometallic and inorganic compounds; edit. by I. Bernal (M.F. Lappert) (319)C59